

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-053358

(43)Date of publication of application : 28.02.1995

(51)Int.Cl.

A61K 9/72

A61K 9/12

A61K 31/135

A61K 31/275

A61K 31/455

A61K 31/55

A61K 45/00

(21)Application number : 05-203171

(71)Applicant : TEIJIN LTD

(22)Date of filing : 17.08.1993

(72)Inventor : SAKAGAMI MASAHIRO
SAKON SEISHI
MAKINO YUJI
SUZUKI YOSHIKI

(54) INHALANT

(57)Abstract:

PURPOSE: To provide an inhalant containing a calcium antagonistic agent as the active substance, having selective depressing action on lung circulation blood pressure and useful e.g. as a new specific and selective treating agent for the symptom to specifically increase exclusively the lung circulation blood pressure such as pulmonary hypertension.

CONSTITUTION: This inhalant having selective depressing action on lung circulation blood pressure is produced by using a calcium antagonistic agent such as dihydropyridine compound (e.g. nifedipine hydrochloride, nifedipine, nicardipine and nitrendipine), a homoveratrylamine compound (e.g. verapamil), a benzothiazepine compound (e.g. diltiazem), a piperazine compound (e.g. cinnarizine) and a diphenylpropylamine compound (e.g. prelamine) as an active substance, suspending the substance together with a suspension assistant (e.g. sorbitan trioleate) in a liquid fluorinated hydrocarbon and filling the dispersion together with a propellant such as a fluorinated hydrocarbon mixture into a spraying vessel e.g. by refrigeration filling method.